C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.ab   V1 Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
4.56		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
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Approved: _____*__Signature on File__*_____   _____
Collider-Accelerator Department Chairman   Date

P. Ingrassia

V1 Sweep Checklist

(Team leader)_____(Operator 2)_____

Time:_____ Date:_____

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Warning:

IF any personnel are encountered during the sweep, **THEN** determine whether their work will be completed in a short time. **IF** the work will take a long time, **THEN** contact the OC to see if the sweep should be aborted. **IF** the work will be completed in a short time, **THEN** write the name(s) of the workers at the end of the checklist and verify that they leave the enclosure **WITH** the sweep team. **IF** the workers crash out of the enclosure **AND** do not exit with the sweep team, **THEN** the sweep shall be re-initiated.

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Prerequisites

- Two persons to perform the sweep,
- V1 Primary Sweep Checklist for C-A-OPM-ATT 4.56.ab (one page)
- Required Tools: at least one flashlight,
- TLD
- Walkie-talkie
- Keys: Sweep/Reset (EB002) key, CA (EB003) key

Check

____1.   Team Leader contacts MCR to verify that V1 Primary area is on Controlled Access.

____2.   Both operators go to V1 Upstream Double Doors (V1GE1).

____3.   Team Leader requests simultaneous release from MCR.

____4.   Team Leader opens V1GE1 gate by turning the S/R(EB002)key clockwise in the OPEN key-switch.

____5.   Both operators enter the gate and close the doors behind them.

____6.   Team Leader checks that both doors are properly secured.

____7.   Both operators proceed to upstream end of V1 line.

____8.   Team Leader resets V1-2 check-station with the S/R(EB002) key.

____9.   Observe that the AREA SECURED amber light is ON for 2 seconds.

____10.   Both Operators sweep back to V1GE1.

____11.   Team Leader resets gate at Inside Gate Box (left of V1GE1) using S/R(EB002) key.

____12.   Observe GATE RESET amber light remains ON.

____13.   Team Leader tests door to insure it is locked.

____14.   Both operators sweep downstream to V1D5 (Magnet 712).

____15.   Operator 2 stands static watch at downstream end of V1D5.

CONTINUED ON REVERSE SIDE

_____16. Team Leader crosses under V1 line, and resets the check-station with the S/R(EB002) key.

_____17. Observe that the AREA SECURED amber light is ON for 2 seconds.

_____18. Team Leader crosses back under V1 line and proceeds downstream to the end of the beam line at V1Q24, and checks fences at far side of V1Q24.

_____19. Team Leader sweeps back upstream and rejoins Operator 2, @ V1D5.

_____20. Both Operators sweep up the stairs to V1 Downstream Gate (V1GE2).

_____21. Team Leader ends the sweep with the S/R(EB002) key in the SWEEP key switch.

_____22. Observe that the AREA SECURED amber light is ON.

_____23. Team Leader requests a simultaneous release from MCR.

_____24. Both Operators sweep through V1GE2.

_____25. Team Leader resets the V1GE2 gate at the gate box with the S/R(EB002) key inserted into the RESET key-switch.

_____26. Observe the AREA SECURED light will be lit and remain on.

_____27. Observe the GATE RESET light will be lit and remain on.

_____28. Team Leader tests V1GE2 door to insure it is locked.

_____29. Team Leader verifies with MCR that zone is swept and gates reset.

_____30. Team Leader files completed sweep checklist in the Completed Sweep Checklist Binder.